

# Dr. FAN Zhen Zhen



## Senior Lecturer & Consultant, Artificial Intelligence Practice

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### Profile

Zhenzhen has been with NUS-ISS since 2006. She currently lectures in the Master of Technology programme in the areas of case-based reasoning, text mining, KBS development, hybrid KBS, and formal specification. Prior to joining NUS-ISS, she was a senior research engineer at the Institute for Infocomm Research working in the areas of machine translation and natural language processing. Her current research interests lie in text mining and computational linguistics.

### Educational Qualifications/Professional Certifications

- Ph.D., Nanyang Technological University, Singapore, 2019
- MTech (KE), National University of Singapore, 2004
- B.A., Tsinghua University, Beijing, 1993

### Academic and Professional Experience

- Senior Research Engineer, Institute for Infocomm Research, A\*STAR, Singapore, 1997 - 2006

### Membership and Professional Activities

- Member of Singapore Computer Society 2012

## Research Interests

- Text Mining & Data Mining
- Natural Language Processing
- Computational Linguistics
- Machine Translation
- Knowledge Representation

## Courses

- KBS Development
- Case-Based Reasoning
- Hybrid KE Systems
- Text Mining
- Formal Methods

## What I Teach

DATA SCIENCE

**Recommender Systems**

ARTIFICIAL INTELLIGENCE

**Reasoning Systems**

DATA SCIENCE

**Text Analytics**

DATA SCIENCE

**Conversational UIs**

DATA SCIENCE

## Text Processing using Machine Learning

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